

FIG. 1

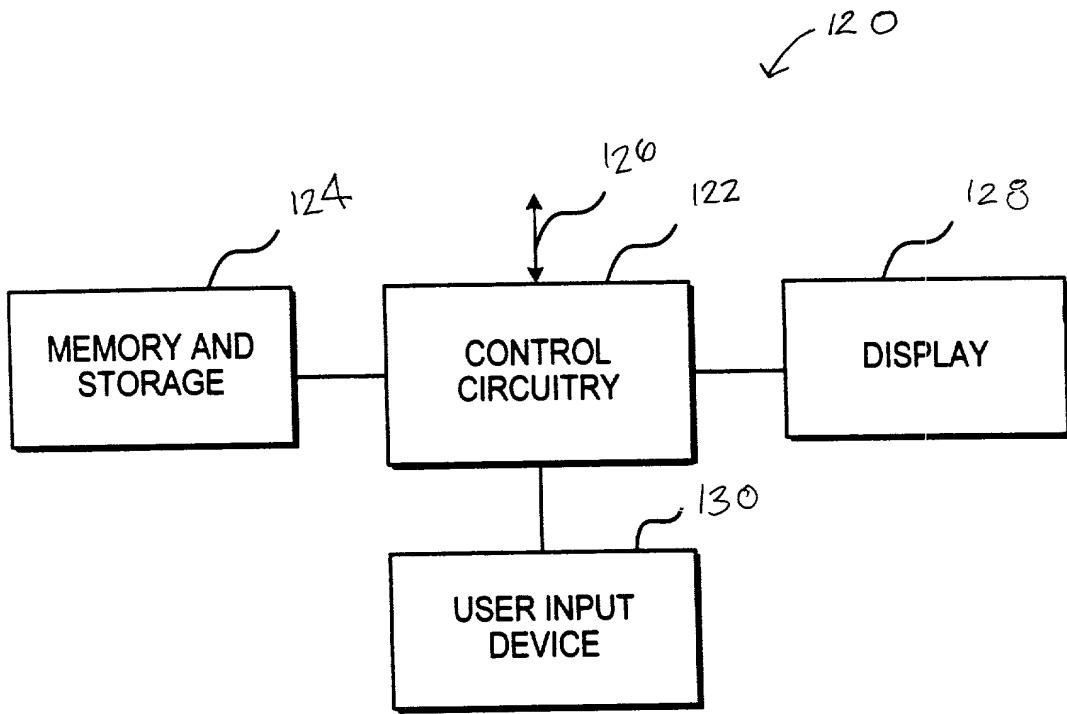


FIG. 2

200
↙

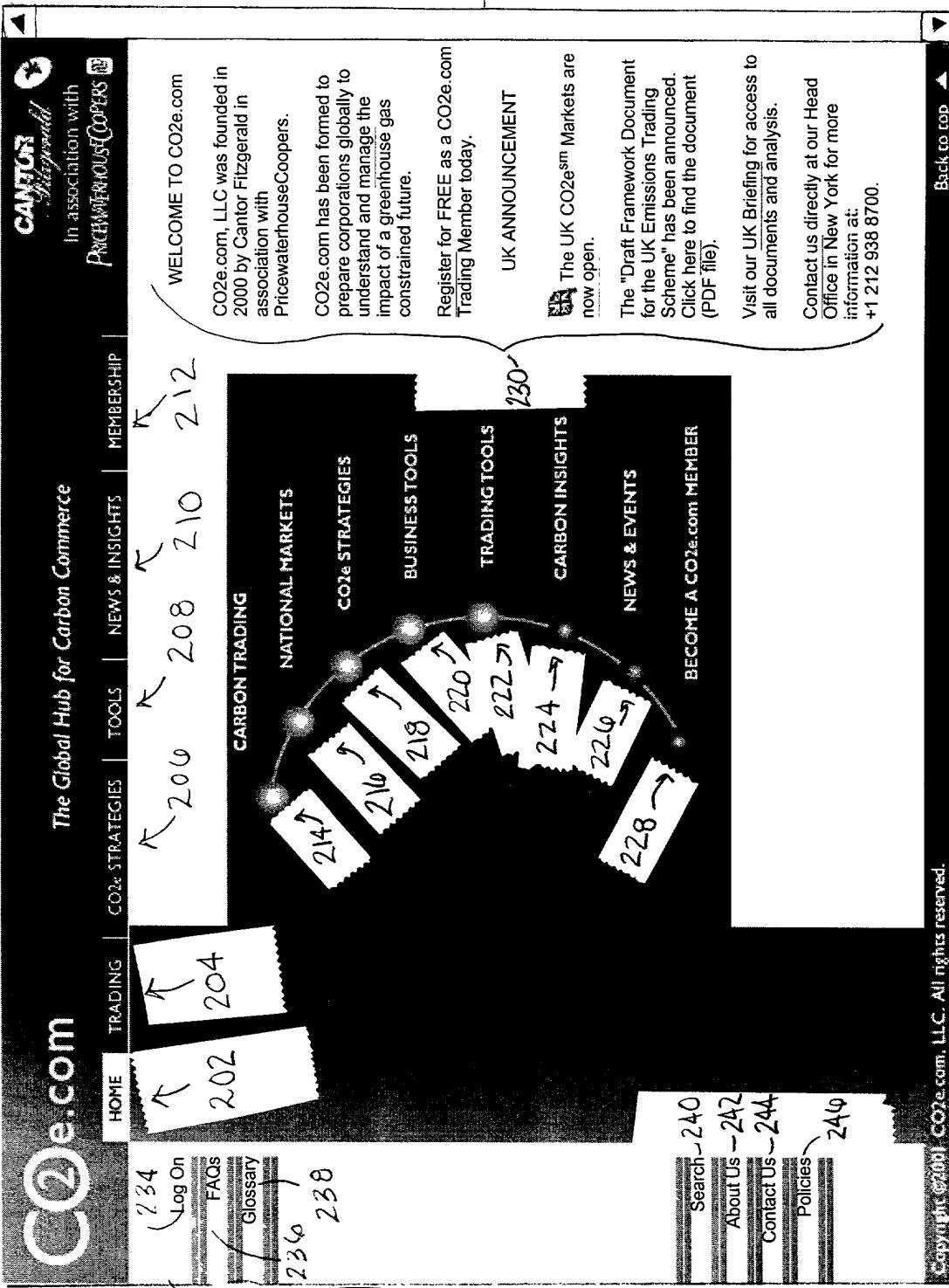


FIG. 3

300
↓

The Global Hub for Carbon Commerce

CANTON *High profile*
In association with
PartenairesCoopers

HOME | TRADING | CO₂ STRATEGIES | TOOLS | NEWS & INSIGHTS | MEMBERSHIP

LOG ON or REGISTER

Welcome to CO2e.com.
If you are already a Trading Member or a Virtual Trader, please enter your Username and Password below.

Log On

Username: → 302

Password: → 304

Log In

BECOME A TRADING MEMBER

If you would like to register as a Trading Member or a Virtual Trader for Trading Simulations, click below.

Trading Member → 308

LOG ON HELP

Search

I have forgotten my Username
I have forgotten my Password

About Us

Contact Us

Policies

© 2007 CO2e.com LLC. All rights reserved.

Back to top ▲

FIG. 4

400

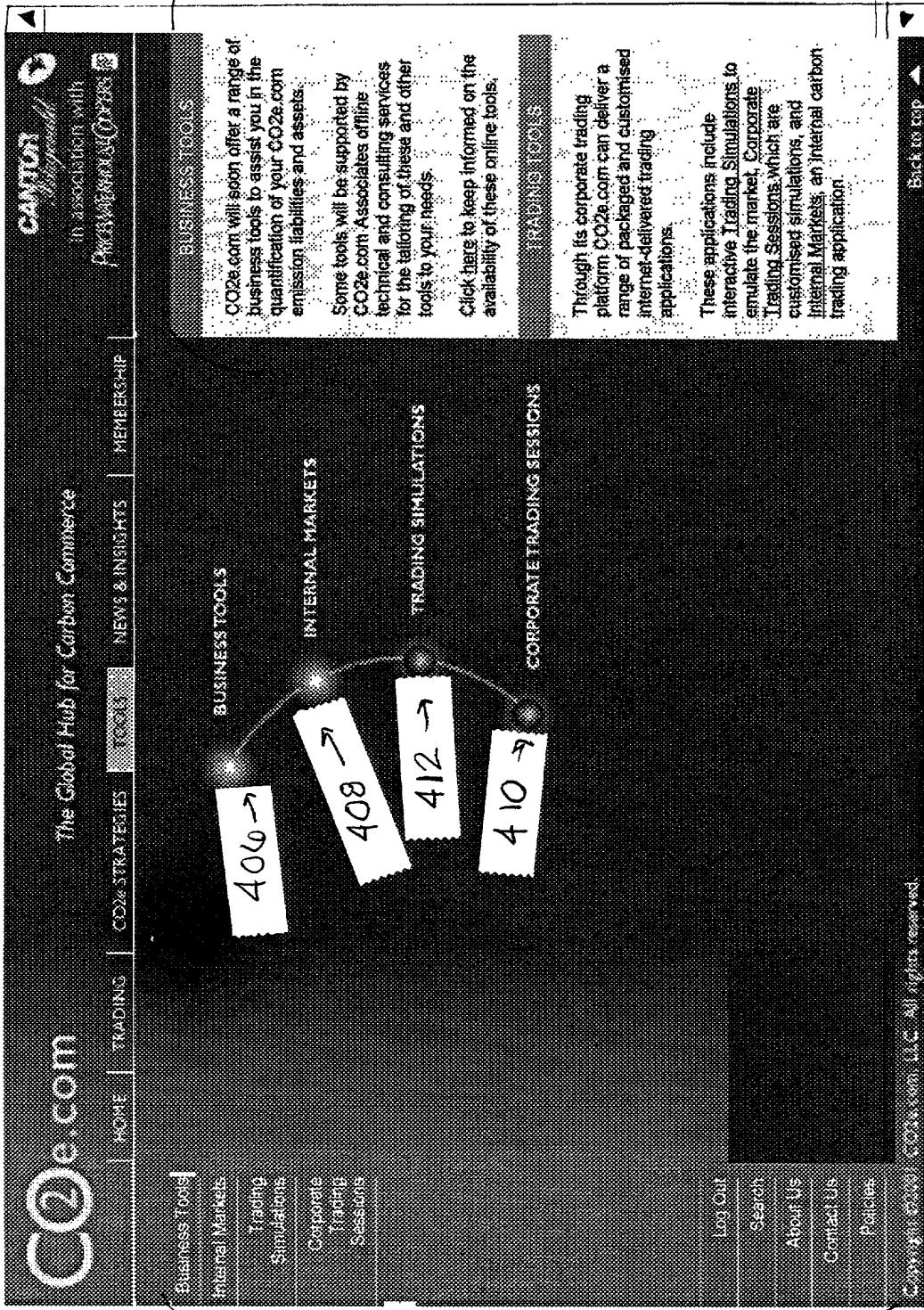


FIG. 5

500

CCO₂e.com The Global Hub for Carbon Commerce

[HOME](#) [TRADING](#) [CO₂E STRATEGIES](#) [FORUMS](#) [NEWS & INSIGHTS](#) [MEMBERSHIP](#)

TRADE **BECOME A VIRTUAL TRADER**

Select the company that you would like to role-play - investigate your internal emission abatement curves and business-as-usual emissions forecasts - engage the trading engine - and trade away on CO₂e.com's online **Trading Simulation**.

This Simulation is internet-delivered to you by CO₂e.com and powered by eSpeed -- the institutional trading engine that manages the exchange of US\$150 billion in global commodities and government securities daily.

The Trading Simulation is designed to develop an understanding of the operation of a more commoditised carbon market and determine how policy decisions may impact this emerging marketplace.

No public simulations are currently scheduled. Please consult this page regularly for updates.

506 [Click here to run the simulation \(if a simulation is scheduled or currently running\).](#)

502

NOTE: The Trading Simulation has been tuned for the Microsoft Internet Explorer browser, version 5.0 and higher. Please use only this browser configuration to access the Simulation.

TRADE SIMULATION PROVIDES:

- an interactive simulation that models the impacts of key policy decisions that are currently in the regulatory debate
- a window into the possible future of the CO₂e trading market
- a simulation that is equally engaging to carbon-constrained corporate interests, carbon reductions/offset suppliers, emission traders, consultants and advisors - novices and experts alike.

With a clear understanding of the intent of this tool - enjoy the game - and may the best trader WIN!

To participate in the Trading Simulation, you must be registered as a CO₂e.com Trading Member or Virtual Trader.

[Click here to review your CO₂e.com registration options.](#)

504

FIG. 6

Welcome to the online **TRADING SIMULATION Speed** ...powered by **CO2e.com**, the electronic trading platform that currently executes US\$150 billion in global transactions daily.

CO2e.com's Trading Simulation is a platform to model the operation of a more commoditised greenhouse gas emissions exchange, and determine the potential impact of major policy decisions on this emerging market.

The CO2e SIMULATION IS

INTERACTIVE → RELEVANT → EASY → PREDICTIVE

And IT IS NOT CO2e

About the simulation

Learn how to participate in the Simulation using the introductory demo.
In order to gain access to the Trading Simulation, you must be registered as a CO2e.com trading member or simulation participant.

The Trading Simulation has been tuned for the Microsoft Internet Explorer browser, version 5.0 and higher. Please use only this browser configuration to access the Simulation

[Back to top ▲](#)

FIG. 7

ABOUT THE SIMULATION

The Trading Simulation is one of a series of interactive trading tools that has been brought to market by CO2e.com.

The CO2e.com Trading Simulation is a platform to learn about the operation of a more commoditised carbon market, and the potential implications of major policy decisions on this emerging marketplace. It represents a simplified model of how international or domestic carbon trading might develop. The simulation combines many of the key elements of emerging policy with sophisticated trading technology from one of Wall Street's fastest growing B2B electronic solutions provider, eSpeed, Inc., to create a highly usable, enjoyable and instructive simulation.

Broad Assumptions

Several key assumptions have been made in the design of CO2e.com's Trading Simulation. These assumptions are as follows:

- The simulated trading regime is one that could be established by an international interpretation of the Kyoto Protocol, with or without an advanced domestic trading environment
 - All credit types are fully defined and transferable across international boundaries
 - Participants in Non Annex B countries can sell and buy credits

It is important to recognise these assumptions before engaging the Simulation.

Simulation Elements

Four different types of entities participate in the simulation, each with different characteristics and goals:

BUYERS face caps on their carbon dioxide equivalent (CO₂e) emissions and must undertake internal actions and may engage in trading to comply with emissions targets at the least cost and avoid compliance penalties.

SUPPLIERS are capable of producing Joint Implementation (JI) or Clean Development Mechanism (CDM) credits and attempt to maximise profit from the sale of these credits.

TRADERS take speculative positions in the market for profit through the careful analysis of late-breaking news and the observation of market behaviour. Traders add liquidity to the market.

NGOs seek to achieve the greatest environmental "good" at the least economic cost by purchasing and holding on to credits for ultimate retirement with limited economic resources.

The participants are located in one of three fictitious countries. Narnia and Utopia are both Annex B (capped) nations. The BUYERS and TRADERS are exclusively located in these countries. The single non-Annex B country, Gondwanaland, is home to roughly two-thirds of the SUPPLIERS, with the rest located in the capped nations.

BUYERS are assigned Emissions Allowances (EAs) after a defined "announcment year" for use during the commitment period. EAs are tradeable. Internal Reductions (IRs) are created by BUYERS undertaking emission reduction or sequestration projects internally; these reductions are not tradeable.

SUPPLIERS create CDM or JI credits, depending on the jurisdictions on which they are located. Credits are distinguished by vintage (year) and while credits may be banked for future use (depending on the particular "rules" of each credit type), they may not be borrowed for prior year compliance.

FIG. 8

818

SELECT ORGANISATION

Organisation 820
 Position 822
 Originate 822
 Trade 824

Please make a selection of the organisation that you wish to "role-play" during the course of this simulation by following these simple steps:

824

News 826
 Reporting 826
 Timeline 828
 Demo 830

- 1-select one organisation from the list of user types (BUYER, SUPPLIER, TRADER, or NGO), below
- 2-review the details of that organisation by selecting the 'view' option
- 3-continue this process until you are comfortable with the organisation selected
- 4-choose the appropriate organisation by clicking 'select' on the 'Select Organisations' page
- 5>Select to either keep the default name of the organisation, or create your own name

Log Out 832

NOTE: the system will automatically ensure that there is a relative balance between the participant types (BUYER, SUPPLIER, TRADER, and NGO). If you receive an error message on selection of a particular participant type, please select from one of the remaining three.

834

For a more detailed definition of the participant types, see the simulation demo>>

Buyer Organisations 804

Compliance Tester - 3 804

Supplier Organisations 806

Select a Supplier Organisation 808

Trader Organisations 810

Select a Trader Organisation 812

New Organisation Name 812

Laura's Cement Co. 814

816 / 814

View 814

Select 814

▼

Back to top ▲

Copyright © 2001 CO2e.com, LLC. All rights reserved.

FIG. 9

✓ 800

900

ORGANISATION REVIEW	
Organisation Position	US Demo
Originale	The details of your selected organisation are outlined below.
Trade	NOTE: refer to your CURRENT STATUS after each round to ensure that you remain SOLVENT, INSOLVENT, or bankrupt participants will not be permitted to continue with the Simulation.
News	
Reporting	
Timeline	
Demo	
Log Out	
ORGANISATION INFORMATION	
Organisation Name	Laura's Cement Co.
Type	Buyer
Current Status	Solvent
Country	Utopia
Annual Cash Allowance	US\$ 1,000,000/year
Borrowing Limit	US\$ 10,000,000
Credit Type(s)	IR-Internal Reductions
Created	
Description	Industrial NRG, Inc. owns and operates a single-cycle gas power generation facility in south central Narnia.
About the simulation	

902

904

Back to top

Copyright © 2001 Core.com, LLC. All rights reserved.

FIG. 10

www.co2e.com

1100
✓

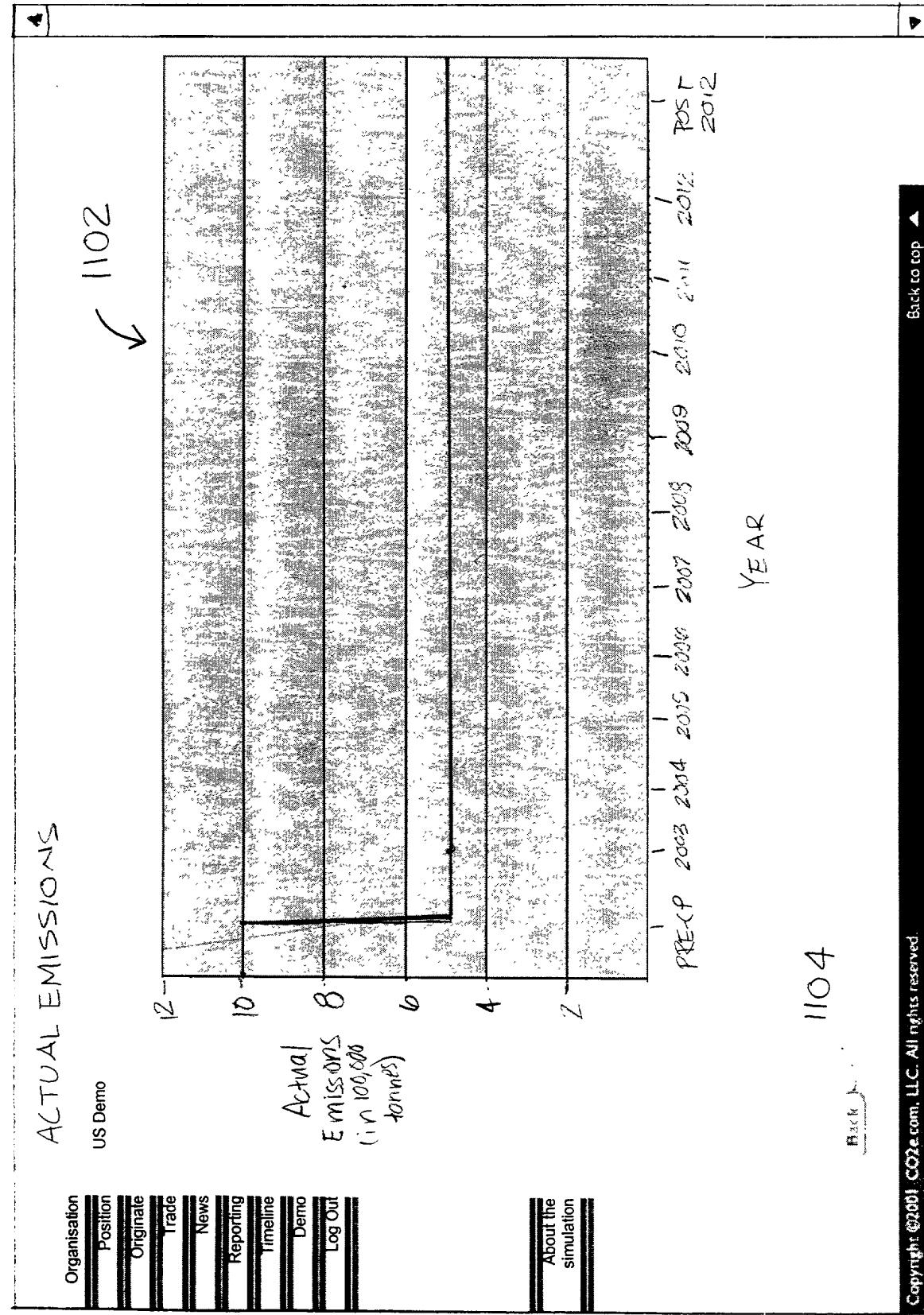


FIG.12

1200
1201
1202
1203
1204
1205
1206
1207
1208
1209
1210
1211
1212
1213
1214
1215
1216
1217
1218
1219
1220

ORIGINATE

Organisation	US Demo
Position	Originator
Originate	822
Trade	
Timeline	
Demo	
Log Out	

The origination utility is provided to allow participants to generate credits (for SUPPLIERS) or internal reductions (IRs) (for BUYERS).

To originate credits or IRs, please take the following simple steps:

- ① Input the total amount of tonnes that you would like to produce over the 10-year lifespan of your project in the TOTAL VOLUME field below
- ② Click 'CALCULATE' to determine the total cost for this origination (total cost is a function of your organisation's MARGINAL ABATEMENT/SUPPLY COST curve)
- ③ Click 'ACCEPT' (only once) if you wish to originate the credits or IRs, or
- ④ 'CANCEL' to reset the origination utility

REMEMBER: the total volume of credits or IRs will be spread over the lifespan of your project (10 years), so 1/10th of the total volume amount will be assigned to each year. If the origination reaches past the end of the Commitment Period, the credits or IRs will be assigned as 'POST 2012' tonnes and will be valued as an asset at the end of the Simulation.

About the simulation	
Issue Class	IR
Project Type	Internal Reductions (Int)
Total Volume	1206
Volume years	100000 tonnes over 10
Total Cost	US\$ 100,000.00

Organisation Compliance Tester - 3

Issue Class IR

Project Type Internal Reductions (Int)

1206
100000 tonnes over 10

years
(in blocks of 100,000)

US\$ 100,000.00

1208

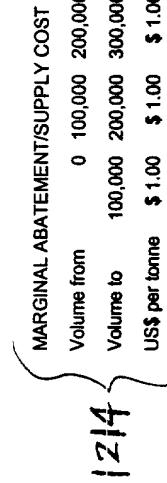
Calculate

1210

Accept

1212

Cancel



1214

1215

1216

1217

1218

1219

1220

1221

1222

1223

1224

1225

1226

1227

1228

1229

1230

1231

1232

1233

1234

1235

1236

1237

1238

1239

1240

1241

1242

1243

1244

1245

1246

1247

1248

1249

1250

1251

1252

1253

1254

1255

1256

1257

1258

1259

1260

1261

1262

1263

1264

1265

1266

1267

1268

1269

1270

1271

1272

1273

1274

1275

1276

1277

1278

1279

1280

1281

1282

1283

1284

1285

1286

1287

1288

1289

1290

1291

1292

1293

1294

1295

1296

1297

1298

1299

1200

1201

1202

1203

1204

1205

1206

1207

1208

1209

1210

1211

1212

1213

1214

1215

1216

1217

1218

1219

1220

1221

1222

1223

1224

1225

1226

1227

1228

1229

1230

1231

1232

1233

1234

1235

1236

1237

1238

1239

1240

1241

1242

1243

1244

1245

1246

1247

1248

1249

1250

1251

1252

1253

1254

1255

1256

1257

1258

1259

1260

1261

1262

1263

1264

1265

1266

1267

1268

1269

1270

1271

1272

1273

1274

1275

1276

1277

1278

1279

1280

1281

1282

1283

1284

1285

1286

1287

1288

1289

1290

1291

1292

1293

1294

1295

1296

1297

1298

1299

1200

1201

1202

1203

1204

1205

1206

1207

1208

1209

1210

1211

1212

1213

1214

1215

1216

1217

1218

1219

1220

1221

1222

1223

1224

1225

1226

1227

1228

1229

1230

1231

1232

1233

1234

1235

1236

1237

1238

1239

1240

1241

1242

1243

1244

1245

1246

1247

1248

1249

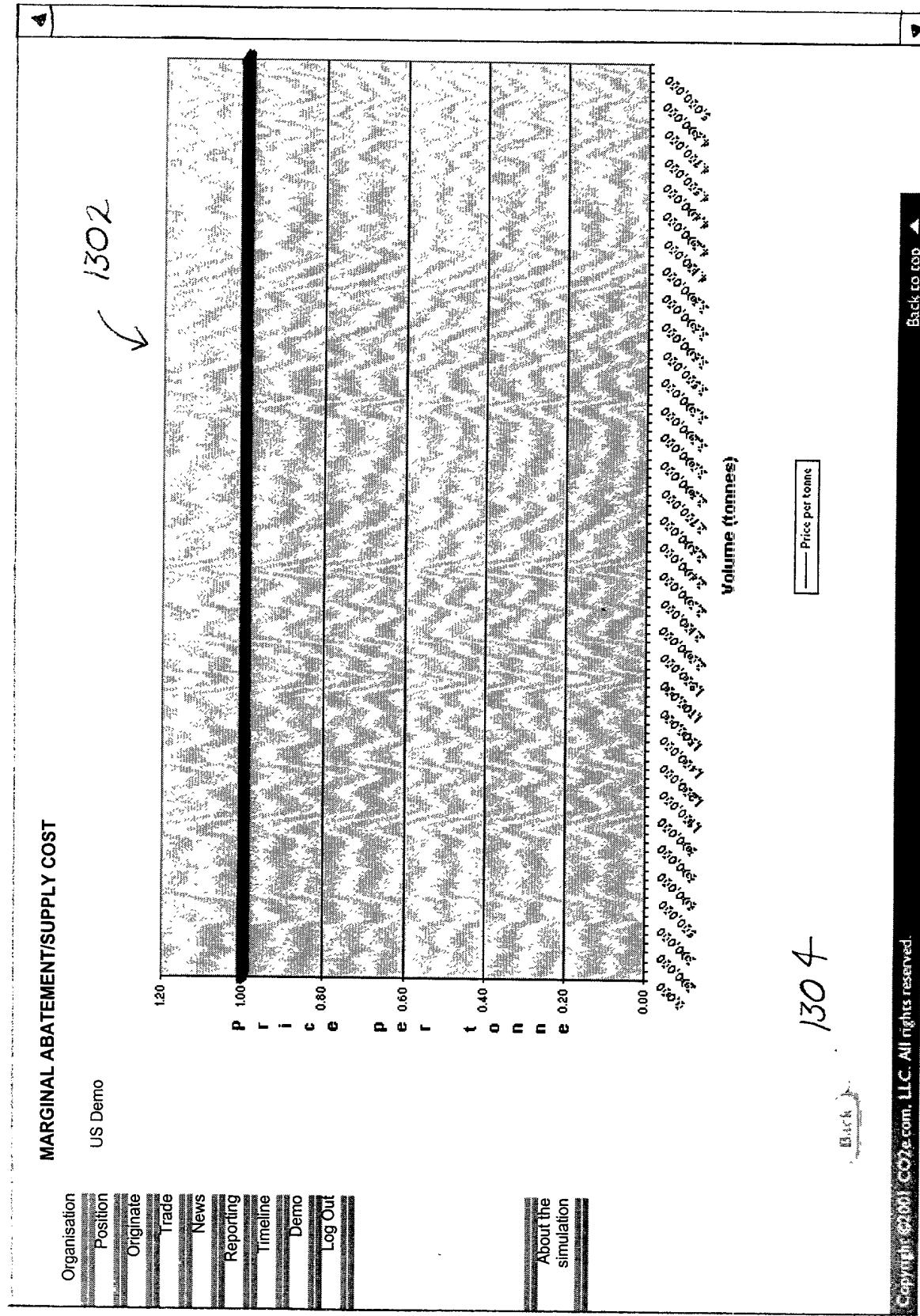


FIG.14

卷之三

1400

1402

II Irding Round 2001 - 2002

File Options Help

E/G/5

1500

POSITION REVIEW		1502									
US Demo											
LATE BREAKING NEWS ... Please check the NEWS page for further details.											
Historic and real-time positions for your organisation are plotted below. Chart your position by selecting the GRAPH option (BUYERS and SUPPLIERS only).											
Return to this page frequently during the Simulation to keep track of your changing position data. Refresh this page periodically to update your position information.											
For a detailed definition of the positions data below, see the data descriptions>>.											
See Organisation											
Log Out											
Current Cash Position		US\$ 3,000,000									
EMISSIONS and REDUCTIONS		Pre-CP Aggregation									
Business-as-Usual Emissions (BAU)		2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Post 2012									
Internal Reductions produced (IRs)		1,000,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000									
Actual Emissions (BAU - IRs)		1,000,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000									
Get All											
CREDITS		Pre-CP Aggregation									
EA		2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Post 2012									
Total		0 300,000 300,000 300,000 300,000 300,000 300,000 300,000 300,000 300,000 300,000									
COMPLIANCE CALCULATOR		Pre-CP Aggregation									
Actual Emissions (BAU - IRs)		2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 CP Totals									
Credit Held after Banking		1,000,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 500,000 5,000,000 *									
Compliance Requirement		200,000 200,000 200,000 200,000 200,000 200,000 200,000 200,000 200,000 200,000 3,000,000									
About the simulation											

FIG. 16

1600

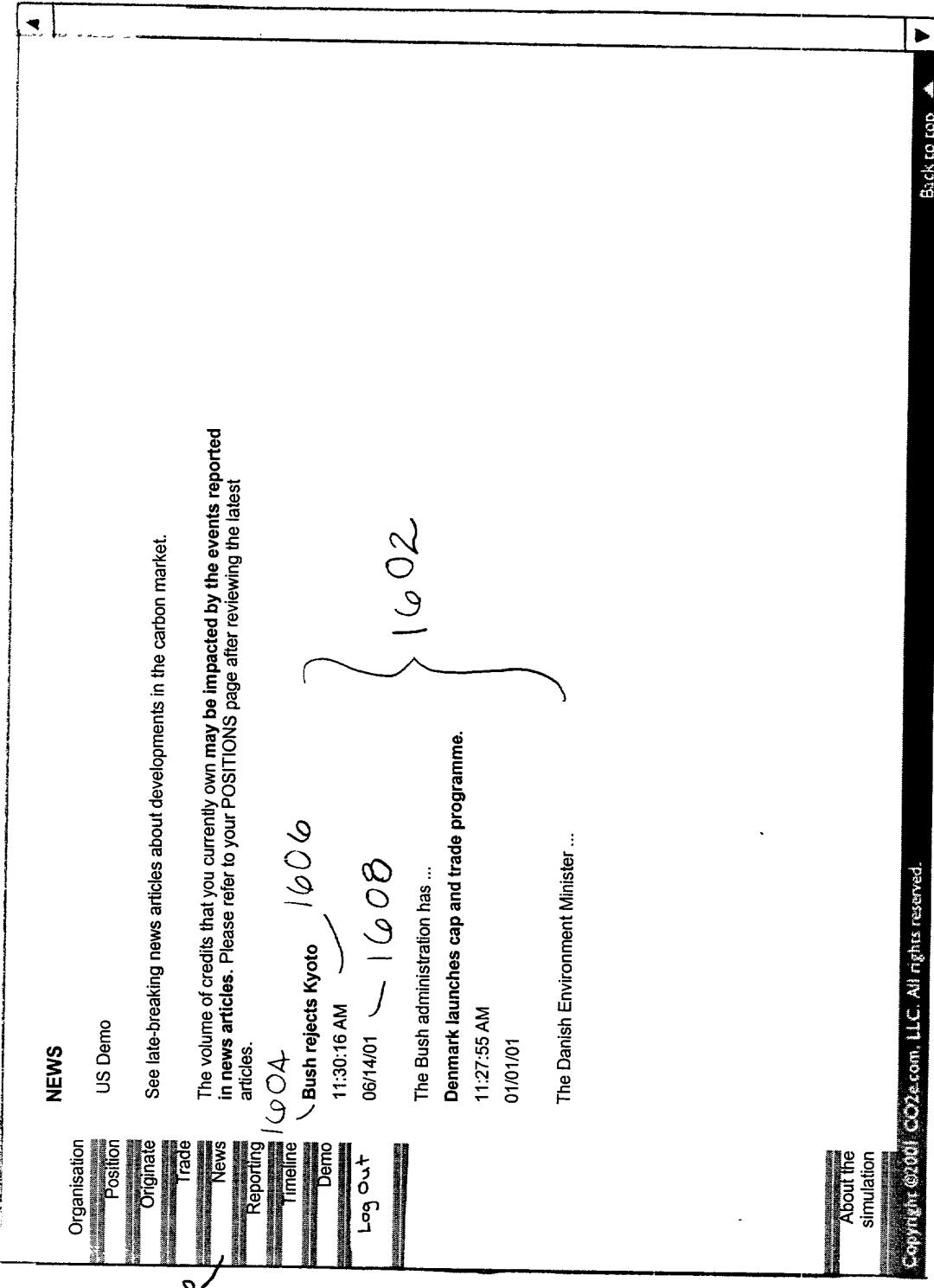


FIG. 17

✓ 1700

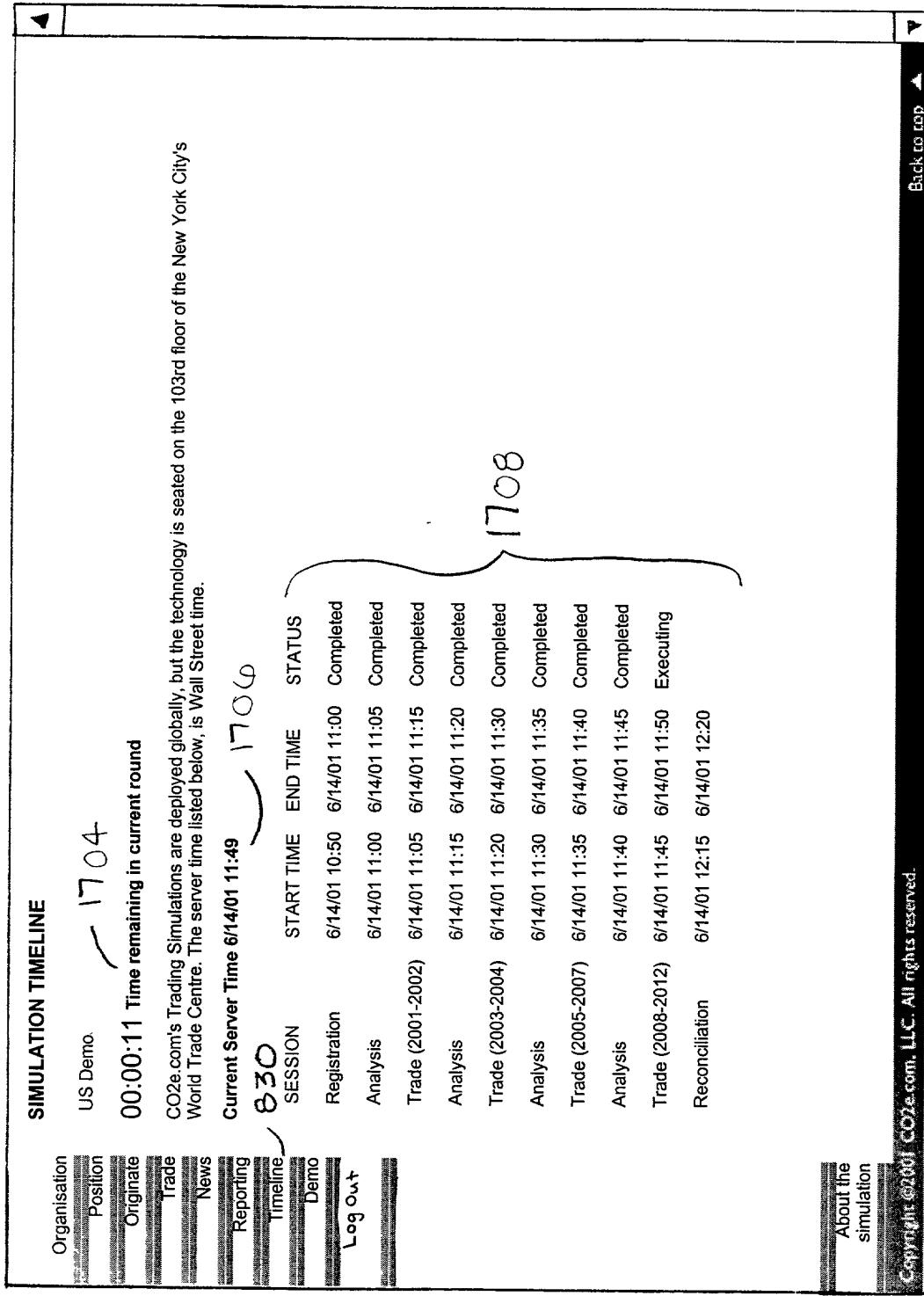


FIG. 18

248

1804

1800

828

SIMULATION REPORT

Congratulations
You have successfully completed CO2e.com's Trading Simulation

ADDITIONAL OPPORTUNITIES

CO2e.com offers a full range of trading tools for your investigation.

- ▶ Trading Simulations Ask us more about CO2e.com's Trading Simulations [here](#).
- ▶ Corporate Trading Sessions CO2e.com can custom-deliver Corporate Trading Sessions for your enterprise. Ask us about your options [here](#).
- ▶ Internal Markets Internal Markets provides the technology behind your internal carbon trading programs. Ask us about why CO2e.com's Internal Markets is right for your business [here](#).

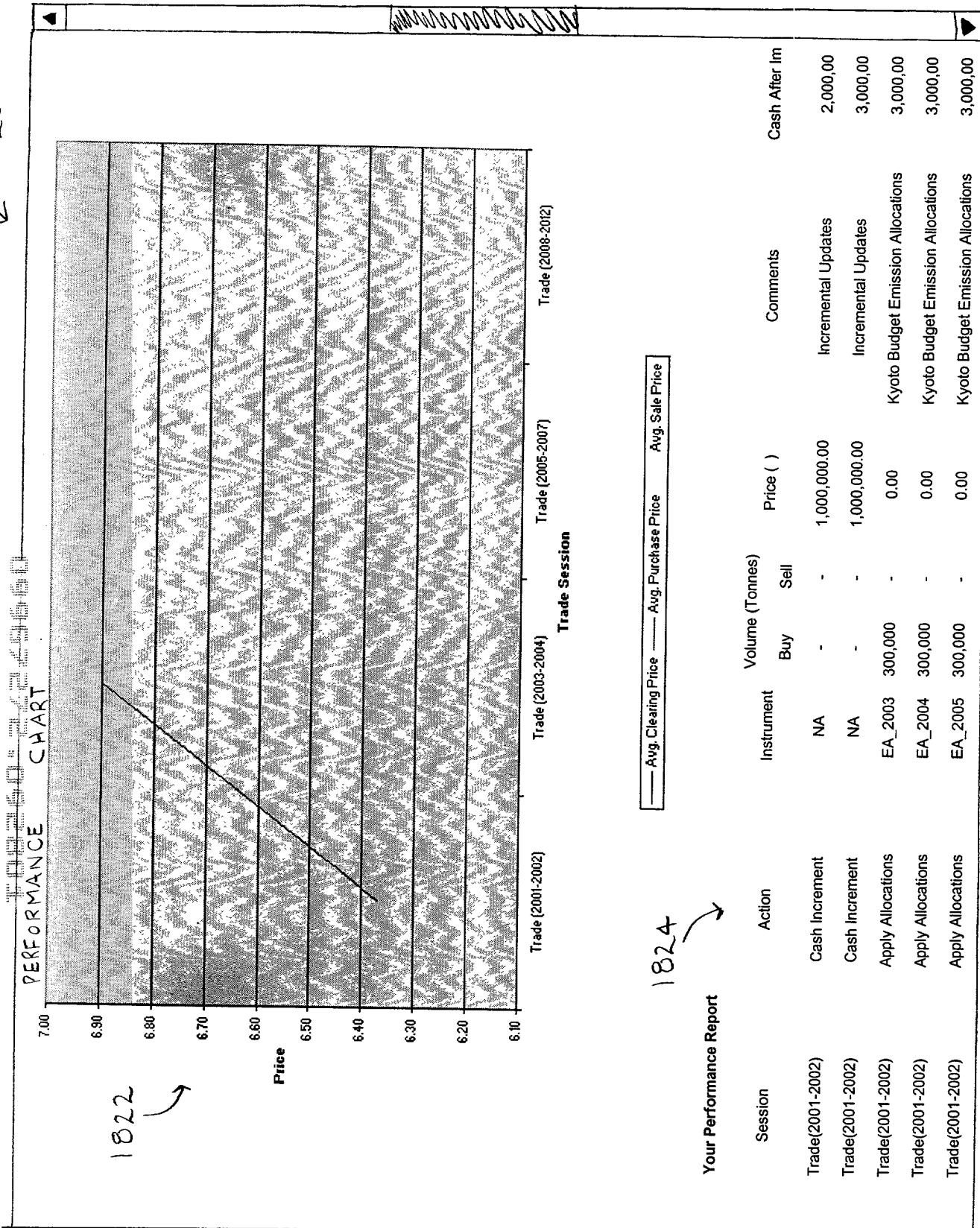
CATEGORY WINNERS

You did not win any categories

About the simulation

FIG. 19

1820



1900

1900

ABOUT THE SIMULATION

Organisation	Position
Originate	Trade
News	Timeline
Reporting	Demo
Log Out	

The Trading Simulation is one of a series of interactive trading tools that has been brought to market by CO2e.com.

The CO2e.com Trading Simulation is a platform to learn about the operation of a more commoditised carbon market, and the potential implications of major policy decisions on this emerging marketplace. It represents a simplified model of how international or domestic carbon trading might develop. The simulation combines many of the key elements of emerging policy with sophisticated trading technology from one of Wall Street's fastest growing B2B electronic solutions provider, eSpeed, Inc., to create a highly usable, enjoyable and instructive simulation.

Broad Assumptions

Several key assumptions have been made in the design of CO2e.com's Trading Simulation. These assumptions are as follows:

- The simulated trading regime is one that could be established by an international interpretation of the Kyoto Protocol, with or without an advanced domestic trading environment
- All credit types are fully defined and transferable across international boundaries
- Participants in Non-Annex B countries can sell and buy credits

836

It is important to recognise these assumptions before engaging the Simulation.

Simulation Elements

Four different types of entities participate in the simulation, each with different characteristics and goals:

BUYERS face caps on their carbon dioxide equivalent (CO2e) emissions and must undertake internal actions and may engage in trading to comply with emissions targets at the least cost and avoid compliance penalties.

SUPPLIERS are capable of producing Joint Implementation (JI) or Clean Development Mechanism (CDM) credits and attempt to maximise profit from the sale of these credits.

TRADERS take speculative positions in the market for profit through the careful analysis of late-breaking news and the observation of market behaviour. Traders add liquidity to the market.

NGOs seek to achieve the greatest environmental "good" at the least economic cost by purchasing and holding on to credits for ultimate retirement with limited economic resources.

The participants are located in one of three fictitious countries. Narnia and Utopia are both Annex B (capped) nations. The BUYERS and TRADERS are exclusively located in these countries. The single non-Annex B country, Gondwana, is home to roughly two-thirds of the SUPPLIERS, with the rest located in the capped nations.

FIG. 21

✓ 2000

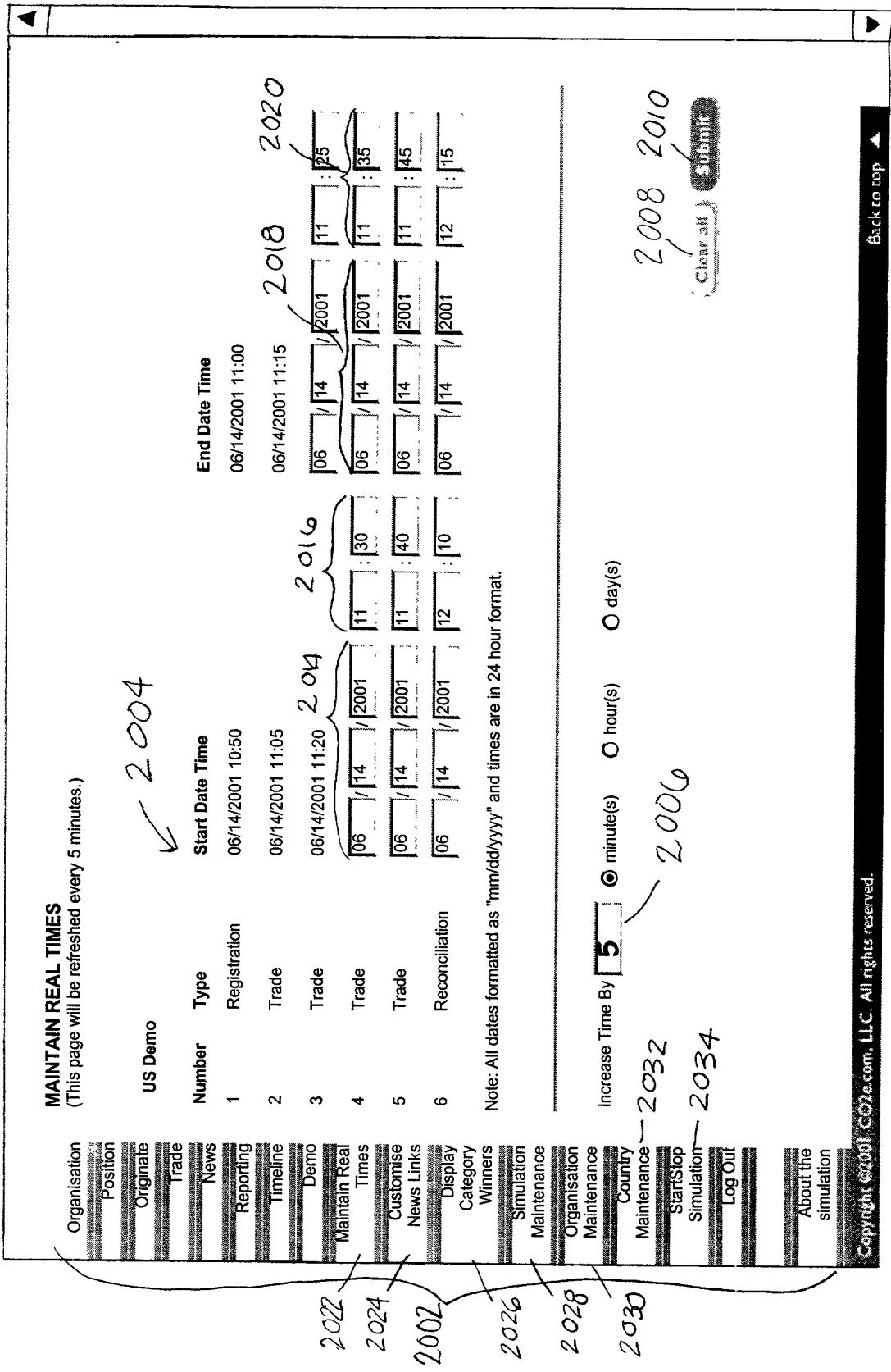


FIG. 22

19. *Leucosia* *leucostoma* *leucostoma* *leucostoma* *leucostoma* *leucostoma* *leucostoma*

2100

2

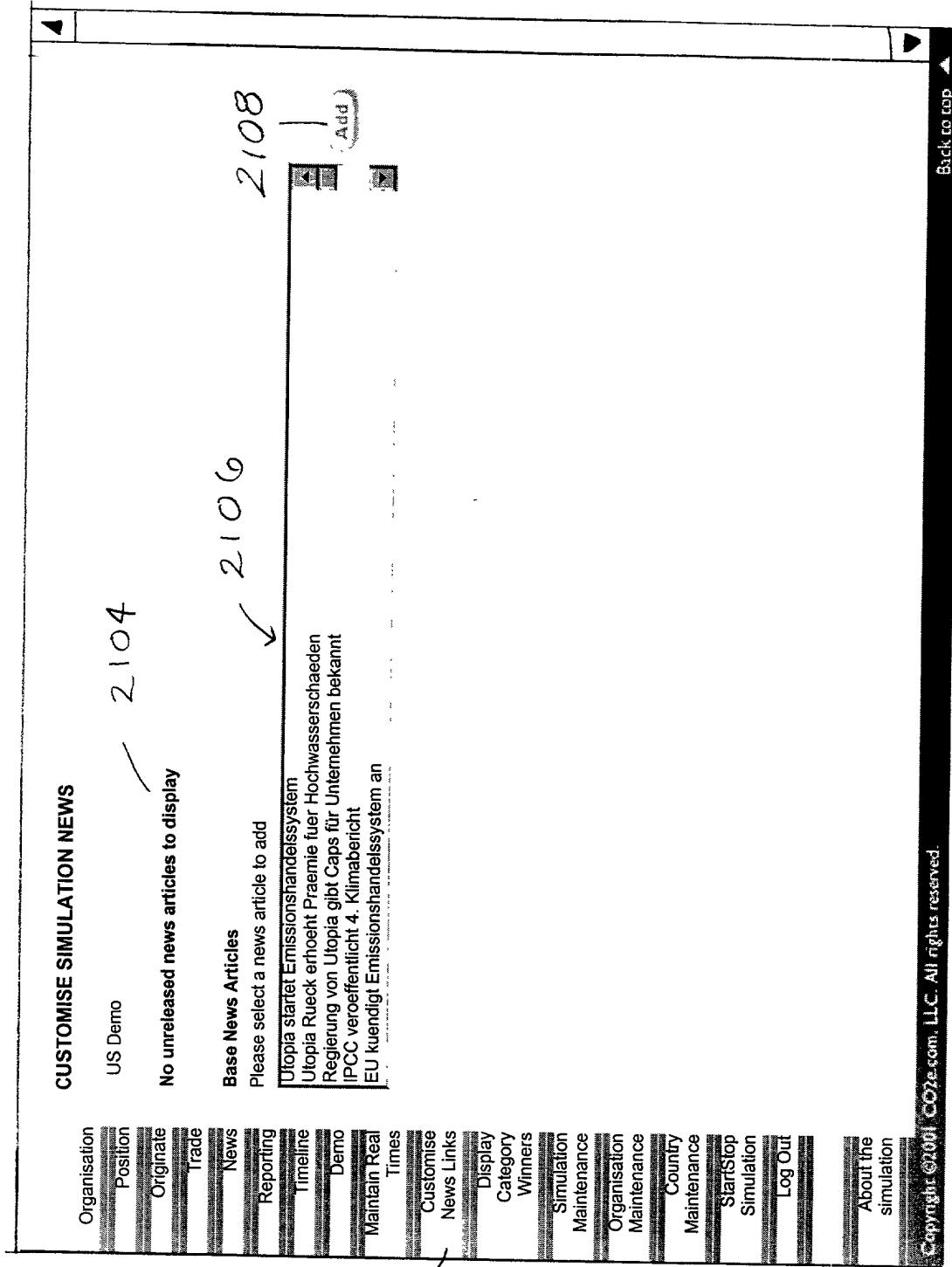


FIG. 23

✓ 2200

MAINTAIN CUSTOM NEWS	
Position	US Demo
Originator	
Trade News	Headline
Reporting Timeline	Article Text
Maintain Real Times	Bush rejects Kyoto
Demo	<P>06/14/01 <P>The Bush administration has ...
Comments	
Release Round	2202
Issue Class - Country	2204
Maintenance	2206
Organisation Maintenance	2208
Country Maintenance	2210
StartStop Simulation	2212
Vintage	2214
Log Out	2216
About the simulation	2218
Volume Effect	
	Save
	-25 %
	2220
	Delete

FIG. 24

2300



CUSTOMISE SIMULATION NEWS

Organisation
Position
US Demo

Unreleased News Articles **2 302**

Headline
Bush rejects Kyoto

Release Round **2 304** / **2 300**

2003 - 2004

Base News Articles

Please select a news article to add

Add

Utopia startet Emissionshandelssystem
Utopia Rueck erhoeht Praemie fuer Hochwasserschaeden
Regierung von Utopia gibt Caps fuer Unternehmen bekannt
IPCC veroeffentlicht 4. Klimabericht
EU kuerdignt Emissionshandelssystem an

Maintain Real Times
Customise News Links
Display

Category
Winners
Simulation Maintenance
Maintenance
Organisation Maintenance
County Maintenance
StartStop Simulation
Log Out

About the simulation

Copyright ©2004 CO2e.com, LLC. All rights reserved.

Back to top ▲

FIG. 25

✓ 2400

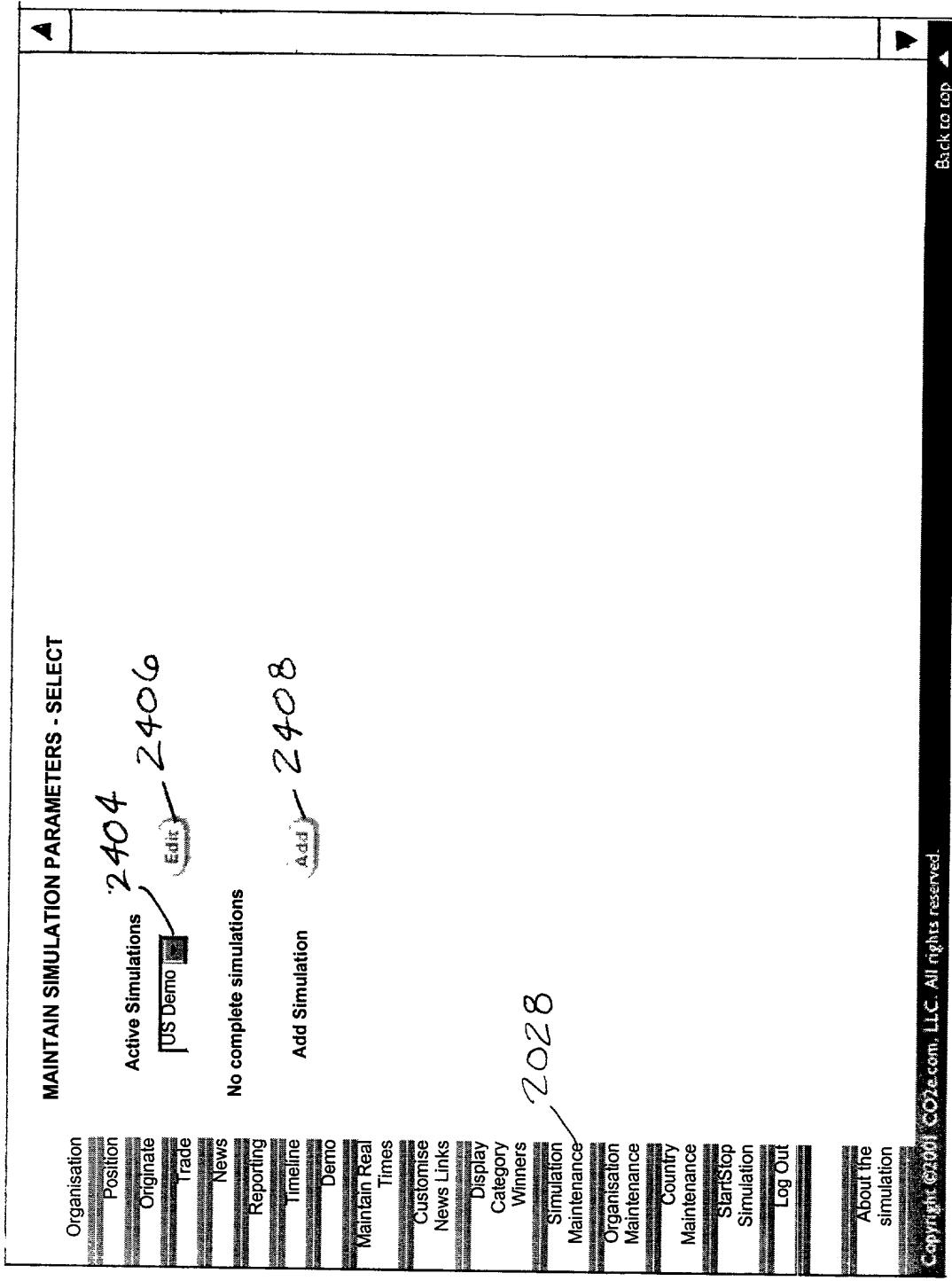


FIG. 2.6

Fig. 27

↙ 2500

MAINTAIN SIMULATION PARAMETERS - UPDATE	
Position	<input type="text" value="US Demo"/>
Originator	<input type="text" value="Trade News"/>
Trade News	<input type="text" value="2002"/> → 2504
Reporting	<input type="text" value="Cost Curve %"/> 0% → 2506
Timeline	<input type="text" value="Business As Usual %"/> 0% → 2508
Demo	<input type="text" value="Interest"/> 7% → 2510
Maintain Real Times	<input type="button" value="Save"/> <input type="button" value="Back"/> 2512 → 2514
Customise News Links	
Display	
Category	
Winners	
Simulation Maintenance	
Organisation Maintenance	
Country Maintenance	
StartStop Simulation	
Log Out	
About the simulation	

Back to top ▲

www.2030.org.uk

✓ 2600

MAINTAIN ORGANISATION - SELECT ✓ 2604

New Organisation	<input checked="" type="checkbox"/> EndUser	<input type="checkbox"/> Add
Type		
Position		
Originator		
Trade		
News		
Reporting		
Timeline		
Demo		
Maintain Real Times		
Customise News Links		
Display Category		
Winners		
Simulation		
Maintenance		
Organisation		
Maintenance		
Country		
Maintenance		
StartStop Simulation		
Log Out		
About the simulation		

Laura's Cement Co. ✓ Edit Delete

2606 ✓ 2608 ✓ 2610 ✓ 2612

Back to top ▲

FIG. 28

John's Cattle Company

✓ 2700

Organisation Details - Buyer/Supplier ✓ 2702

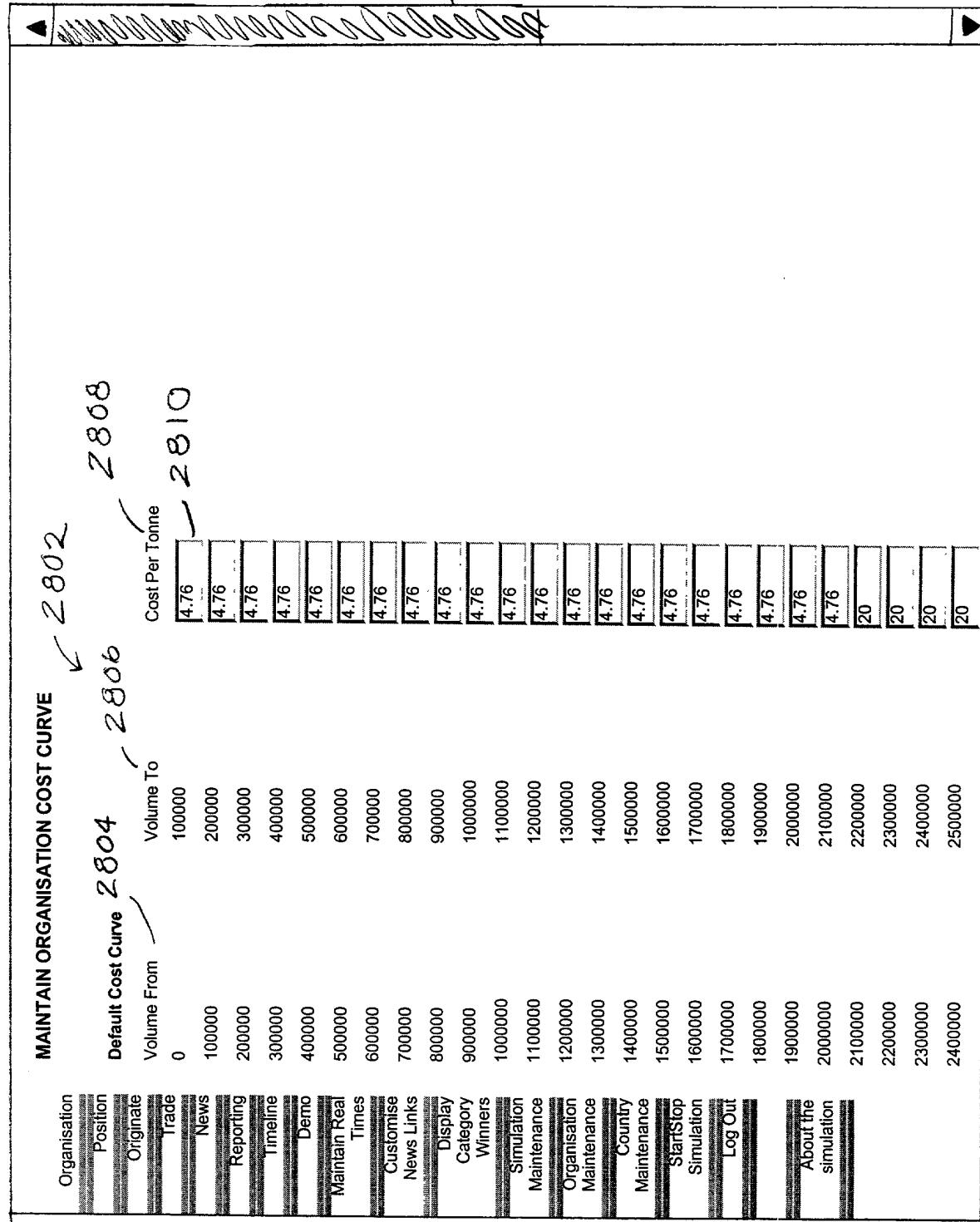
Name	John's cattle Company
Description	John's cattle Company ✓ 2704 is a company that
Starting Cash	5900000 ✓ 2710
Yearly Cash Alloc.	1475000 ✓ 2710
Industry Type	Power Generator - CoalBrown ✓ 2712
Country	Utopia ✓ 2714
Instrument Creation	IR ✓ 2714
Issue Class	Project Type Internal Reductions ✓ 2720
News Links	Cost curve ✓ 2718 Yearly values ✓ 2720
Display Category	Save ✓ 2722
Customise	Winners ✓ 2724
News Maintenance	✓ 2726
Simulation Maintenance	✓ 2726
Organisation Maintenance	✓ 2726
Country Maintenance	✓ 2726
StartStop Simulation	✓ 2726
Log Out	✓ 2726
About the simulation	✓ 2726

Back to top

Copyright ©2001 CO2e.com, LLC. All rights reserved.

FIG. 29

FIG. 30



✓ 2800

248

卷之三

✓ 2 020

Apply Last Cost To Rest

卷之三

E1C5;31

Fig. 32

MAINTAIN ORGANISATION YEARLY VALUES	
Organisation Position	Default Yearly Values
Originale Trade	BAU
News Reporting Timeline	Kyoto Allocation
Demo	Forecast Low
Maintain Real Times	Forecast High
Customise News Links	2902
Display Category	2904
Winners	2908
Simulation Maintenance	2910
Organisation Maintenance	2912
Country Maintenance	2914
StartStop Simulation	2916
Log Out	2918
About the simulation	248
2900	✓

FIG. 33

2936 ↘

2936 ↗

26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

2932 ↗

2932 ↘

Apply Last Value To Rest Yes No Save 2934

Back to top ▲

Copyright © 2011 Code.com LLC. All rights reserved.

FIG. 34

↙ 3000

MAINTAIN COUNTRY	
Organisation	Position
Add Country	3004
Name	3008
Supplementarity %	4%
Capped Country	3012
Timeline	3022
Demo	3024
Edit/Delete Country	3014
Edit	Delete
Gondwana	3016
Customise	3018
News Links	3020
Display	3022
Category	2032
Winners	2034
Simulation	3024
Maintenance	3026
Organisation	3028
Maintenance	3030
Country	3032
Maintenance	3034
StartStop	3036
Simulation	3038
Log Out	3040
About the simulation	3042
Copyright ©2001 Core.com, LLC. All rights reserved.	3044

Back to top ▲

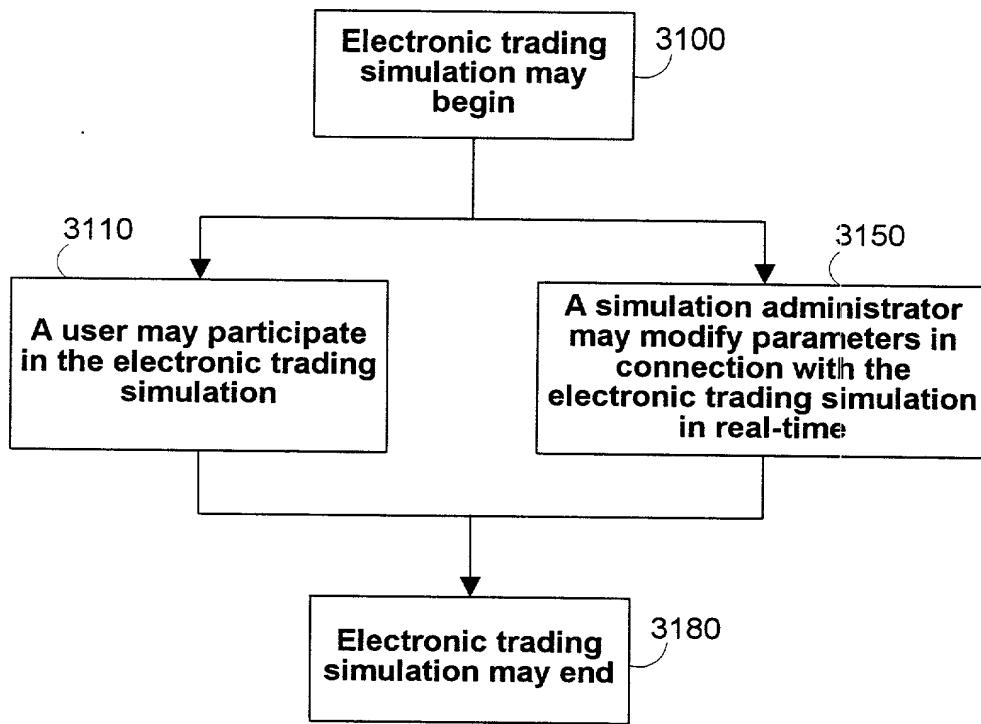


FIG. 35

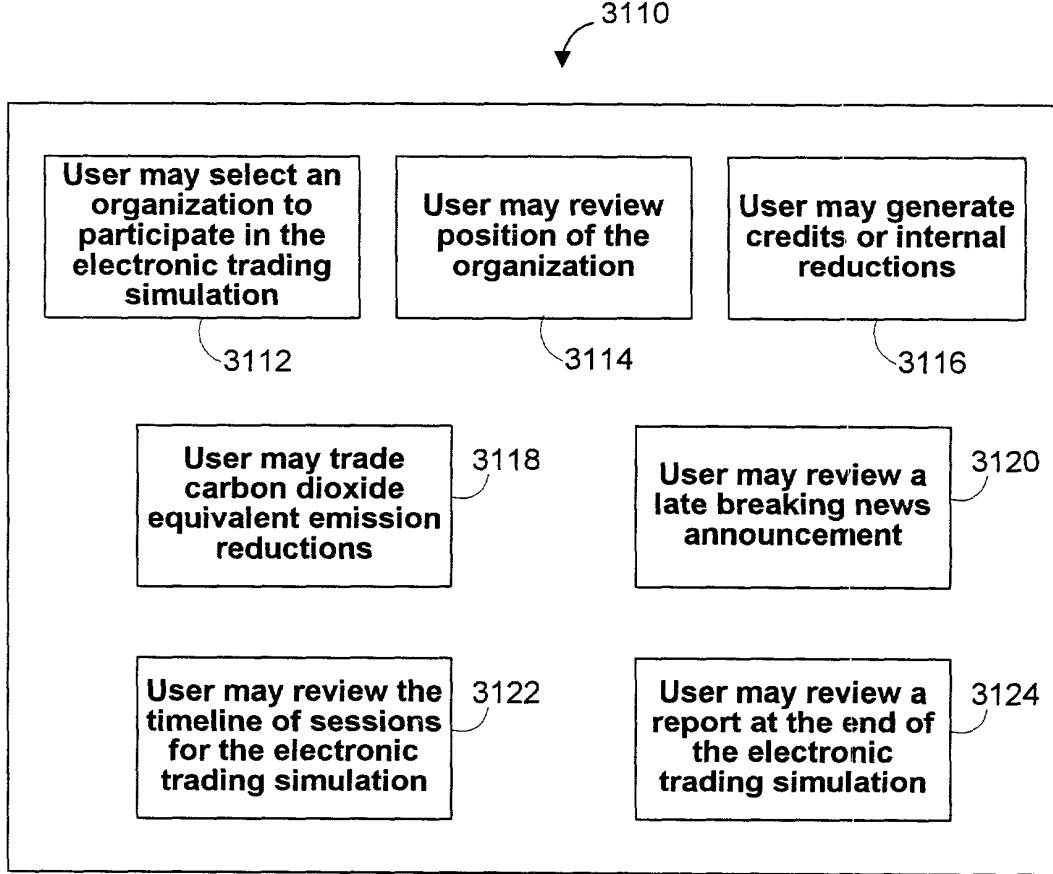


FIG. 36

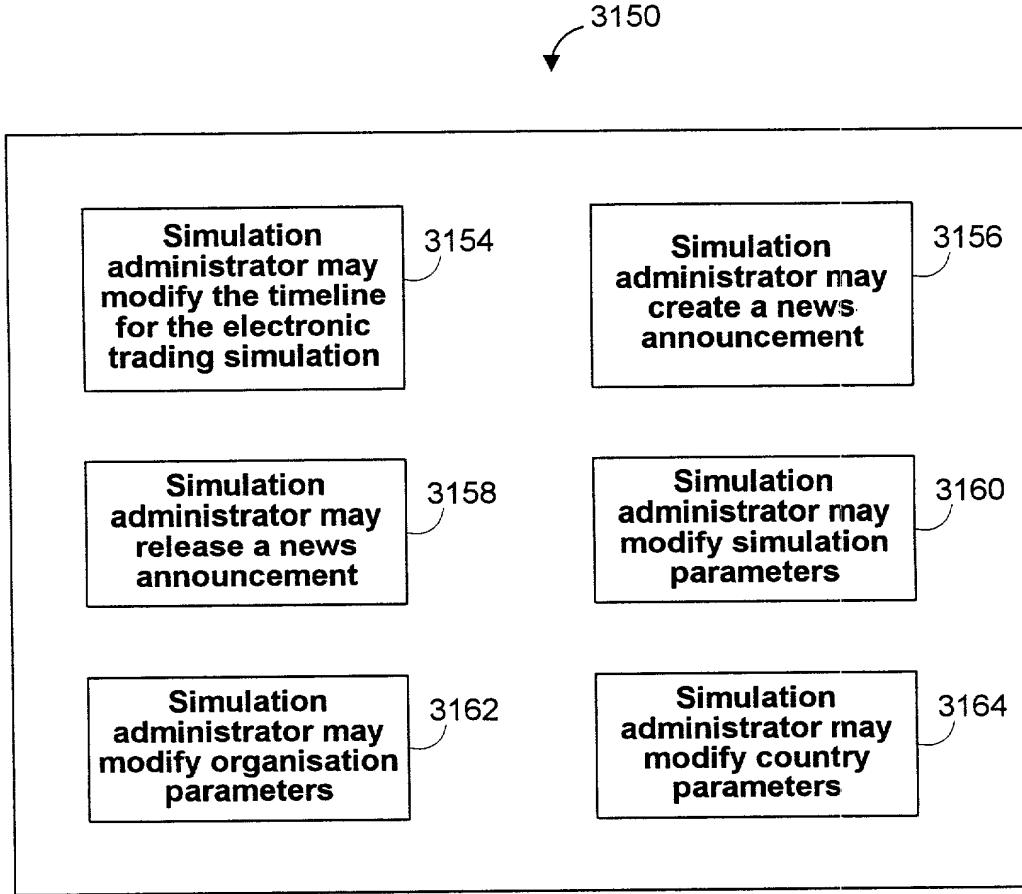


FIG. 37